



PIANC Bulletin

Quarterly Newsletter of the International Navigation Association  *U.S. Section*
Permanent International Association of Navigation Congresses (PIANC)

Winter Issue

First Quarter • 2004

President's Message *by Major General Carl A. Strock, President, U.S. Section, and Director of Civil Works, U.S. Army Corps of Engineers*

Greetings Colleagues in Waterborne Commerce,

As your new President, U.S. Section, PIANC, I am delighted to introduce you to our first electronic news letter. It comes with coverage of recent U.S. Section events, as well as upcoming activities in the navigation arena that you may wish to consider attending. The Bulletin will be published electronically once a quarter. We hope you enjoy this media format, and will share it with other water resources professionals interested in maritime affairs.



Major General Carl A. Strock

PIANC is a worldwide non-political and non-profit making technical and scientific organization of private individuals, corporations and national governments. PIANC promotes inland and maritime

ports, and coastal areas, for general use in industrialized and industrializing countries. Facilities for fisheries, sport and recreational navigation are included in PIANC's activities.

PIANC was founded in 1885 and is the oldest international association concerned with these technical aspects of navigation. It has made - and continues to make - a vital contribution to technical development in this field. Membership is worldwide and open to everyone. For more details, visit the U.S. Section website:

<http://www.iwr.usace.army.mil/PIANC>. Additional information may be found at the International website: <http://www.pianc-aipcn.org/>.

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navigation by fostering progress in planning, design, construction, improvement, maintenance and operation of inland and maritime waterways,

The U.S. Section of PIANC has experienced a number of changes in posts recently, which are covered in this edition. Most notably, Mr. John Paul Woodley, Jr. is now our Chairman of the U.S. Section of PIANC. President Bush announced his appointment as the new Assistant Secretary of the Army (Civil Works) (ASA(CW)) on August 22, 2003.

Before his current appointment, Mr. Woodley was Assistant Deputy Undersecretary of Defense for Environment. He served in a cabinet post in the state of Virginia, as well as in the position as their Deputy Attorney General. Mr. Woodley has degrees in Bachelor of Arts and Law from Washington & Lee University in Lexington, Virginia. Mr. Woodley served on active duty with the U.S. Army Judge Advocate General's Corps and is a lieutenant colonel in the Army Reserve.

There are many new and exciting happenings in the U.S. Section. I encourage you to explore the possibilities and participate, which will foster new professional friendships, growth in our knowledge base, and increased service to maritime transportation. Please read on, and I look forward to working with the PIANC community during my tenure.

Sincerely,

Major General Carl A. Strock
President, U.S. Section, and Director of Civil
Works, U.S. Army Corps of Engineers

Announcement of New U.S. Section Representatives *by Edmond Russo*

We have several new leads in the U.S. Section. Since the last Bulletin, Mr. Ron Conner of the U.S. Army Corps of Engineers, Institute for Water Resources, has been named Secretary of the U.S. Section, following the retirement of Mr. Tom Ballentine from this post. Mr. Dan Allen of Moffat and Nichol Engineers was appointed to the post of Maritime Commission Chairman at the January 23,

2003, U.S. Section PIANC Commissioner's meeting.

At the U.S. Section PIANC Commissioner's meeting held October 29, 2003, it was announced that Mr. Thomas Wakeman has been appointed as a PIANC International Vice-President. Mr. Wakeman was also reelected to another term as U.S. Commissioner and Central Region Vice President. Mr. Charles Calhoun, Jr., was reelected to another term as U.S. Commissioner and Central Regional Vice President. Mr. Joseph Pyne was reappointed to a second term as U.S. Commissioner. Mr. Edmond Russo is the new Chairman of the Publications Committee, and Editor of the Bulletin.

Welcome aboard!

Partnership with COPRI

by Charles Calhoun and Edmond Russo

Created in 2000, the Coasts, Oceans, Ports, and Rivers Institute (COPRI) is a semi-autonomous institute of the American Society of Civil Engineers (ASCE). COPRI and the other six ASCE Institutes were established to better meet the specific needs of members in their technical specialties.

COPRI provides an umbrella organization for the entire team involved in a "wet" project. Consequently, membership is open to engineers, scientists, contractors, dredgers, planners, operators, navigation specialists, surveyors, lawyers, etc. COPRI also offers Organizational Memberships to private firms, government agencies, universities, ports, users and others working within COPRI's technical areas. More details on COPRI may be found at www.coprinstitute.org.

COPRI advances and disseminates scientific and engineering knowledge for members engaged in sustainable development and protection of coastal, ocean, ports, waterways, and wetlands. COPRI fosters communication and cooperation between domestic and international members in government, industry, and education.

Partnering between PIANC and COPRI is strategic for mutual success. A Memorandum of Understanding is in place to unify the forces of these groups and attract talented professionals in the water resources arena to their memberships. Overlap of membership and unification of efforts have the potential to strengthen bonds between entities and result in stronger programs. Partnering opportunities are enhanced further since the President of COPRI, Charles Calhoun, is also a Commissioner of the U.S. Section of PIANC.

These entities have agreed to co-located meetings, which minimizes conference travel and costs. This also presents great networking opportunities, as well as a chance to hear many high quality speakers. Joint publishing is another avenue to collaborate. The U.S. Section 2004 Annual meeting will be held in conjunction with the ASCE Annual Meeting, in Baltimore, Maryland during October 2004.

Ways partnering with COPRI can be achieved is through web and publicity support. As something new on the horizon, COPRI has hosted webinars: a combination of web interaction, coupled with telephone audio live programming. These events are about an hour in length, and have one fee per site with unlimited attendees. Webinars eliminate travel for participants and speakers, yet remain interactive and real-time.

Young Professionals' Activities

by Jennifer Irish

In October 2001, ExCom approved the Young Professionals Task Group, now Implementation Group (YPIG) to promote interest in PIANC among Young Professionals (YP) and to increase PIANC membership. The YPIG met in February and November 2003 to develop an Action Plan (AP) for achieving the following objectives:

- establish YP needs,
- identify ways to change or add to PIANC support and services to appeal more to YP, and
- establish routes for YP contributions.

In December 2003, the YPIG presented their AP to ExCom. As a result, ExCom recommended the YPIG implement the AP. All AP high priority items are scheduled for completion this year. These include: establishing YP groups in National Sections, include YP in Working Groups, launch YP website, and initiate E-communications. More information may be found on the PIANC website.

The YPIG will meet in Brussels in February 2004 to begin implementation of the AP. Following this year's progress, ExCom will consider forming a permanent YP-Com.

Ms. Irish will be stepping down as the YPIG US Section representative. If you are interested in taking up this position, please email Ms. Irish at jennifer.irish@usace.army.mil.

U.S. Section PIANC Scholarship

by Anne Sudar

The first U.S. Section PIANC Scholarship has been awarded to Mr. Brajesh Kumar, a graduate student in the Coastal and Ocean Engineering Department at Texas A&M University, for the 2003/2004 academic year. The award is \$1500. Mr. Kumar's career goal is to make a significant contribution in the field of offshore structures.

The scholarship recipient was chosen by the Texas A&M Scholarship Committee on the following criteria:

- The applicant will provide a curriculum vitae or resume not to exceed one page
- The selected applicant will be a graduate student or undergraduate student of junior or senior standing with a grade point average of at least 3.0
- The selected applicant will be in a course of study in engineering, economic, or environmental disciplines related to the development, operation and management of navigation infrastructure, coastal waterways,

dredging, port and terminal facilities and water transportation planning

- The selected applicant will have demonstrated potential to make substantial contributions to a relevant field of engineering or associated discipline, and/or shows promise for further distinguished academic studies that are related to the mission of PIANC

At the present time, the scholarship is limited to Texas A&M University, but there are plans to expand it to universities in other regions of the country in the future.

2004 De Paepe-Willems Award Contest Results and Call for 2005 Papers *by Edmond Russo*

The De Paepe-Willems Award for 2004 was given to Mr. David Gordon of the U.S. Army Corps of Engineers, St. Louis District, for his paper entitled “Chronic Dredging on the Upper Mississippi River Remedied with Innovative River Training Structures”. His paper was submitted to PIANC Headquarters in Brussels, Belgium as the U.S. entry in the International competition.

The project is aimed at supporting navigation and flood damage reduction mission areas in, ways sustainable with environmental and social considerations. Gordon used a movable bed physical micro model, based on empirical techniques to replicate the trends of the riverbed.



***St. Louis' District moveable
bed micro model***

The model supported examination of sediment distribution and riverbed pattern development within the river channel. Micro modeling technology was found useful for both plan formulation and establishment of final design parameters for installation of training structures.

Gordon received a \$1000 U.S. Savings Bond, an expense-paid trip to the Ports 2004 Conference which will be held May 23 to 26, 2004 in Houston, Texas, and an individual membership in the U.S. Section PIANC for five years. The international winner will receive a trip to the 2004 Annual General Assembly, which will be held in Japan this May.

De Paepe-Willems Award is given for the most outstanding technical paper prepared on the aspect of waterborne transport. Categories include policy, management, design, economics, integration with other transportation modes, technology safety, public involvement, and the environment. The competition is open to anyone 35 years of age or under. Paper abstracts for 2005 are due by June 1, 2004, with technical paper submittals in by September 30, 2004. For details contact Edmond Russo, Chairman, Publications Committee, edmond.j.russo@mvn02.usace.army.mil.

Commission Reports

Inland Navigation Commission (InCom) *by
Dr. Sandra Knight*

The Inland Navigation Commission (InCom) is responsible for technical activities of the association in the field of inland waterways, including inland ports, channels, river engineering and structures. Like the other commissions, InCom has semiannual meetings with a February meeting in Brussels and a fall meeting hosted by one of the participating members. Current initiatives of InCom include:

- upgrading the website with appropriate links to each member country activities in inland navigation,

- evaluation of old working group reports for relevance and renewal,
- generation of new working groups,
- oversight and management of existing working groups,
- review and participation of other commissions working group activities, and
- review of international position papers.

At each meeting of the commission, a member country is featured and presents activities of interest on their inland waterways. Active working groups include:

WG 23 – Technical and Economic Problems Caused by Freezing of Canals. Mr. Oli Holm, Finland, presented findings of the WG in September. The report is being reviewed and should be published this year. The U.S. member is Mr. Claude Strauser, USACE-MVS.

WG 24 – Traffic Management and Modern Information Systems. The working group completed their report and provided a technical brief on River Information Systems. This is the first PIANC working group to become a standing committee due to evolving trends in river management and information systems. Mr. Mike Sollosi, U.S. Coast Guard has served on this committee. The committee will be restructured for additional membership.

WG 25 – Maintenance and Renovation of Navigation Infrastructure. The group has met 5 times and is progressing on their report. Dr. James McDonald USACE-ERDC (retired) was the U.S. representative and chaired the committee. Mr. Jim Blanchar, USACE-MVR (retired) served as corresponding member.

WG 26 – Design of Movable Control Structures. This group had their first meeting in February 2003, Brussels. The second in London, June 2003. And the most recent meeting was sponsored by the U.S. members, Dr. Richard Stockstill, USACE-ERDC, and Mr.

Dale Miller, INCA, Inc. in Pittsburgh, Pennsylvania, October 30-31. The meeting included a field trip to the Braddock Dam. The next meeting of this committee is scheduled for March 10-12, 2004 in Rotterdam, The Netherlands.



WG 26 in Pittsburgh, Pennsylvania.

WG 27 – Guidelines to Reduce Environmental Impact of Vessels. The first meeting of this working group was also in Brussels, February, 2003. The second meeting was concurrent with the U.S. Section Meeting in Portland, October 30, 2003. The U.S. member to this committee is Dr. Tom Keevin, USACE-MVS and corresponding member, Dr. Steve Maynard, USACE-ERDC. Dr. Sandra Knight is the InCom sponsor for this working group. The next meeting is scheduled for Sevilla, Spain, March 16-17, 2004.



WG 27 in Portland, Oregon.

NEW WG 28 – Development in Automation And the Remote Control of River Works. If interested in participating in this work group, please send a Curriculum Vitae to Anne Sudar of the U.S. Section Office.

Maritime Navigation Commission (MarCom)
by Dan Allen

MarCom is busy with six active Working Groups and two in the formation stage. These working groups cover studies and investigations of breakwaters and prefabricated elements, life cycle management of port structures, minimizing harbor siltation, accelerated low water corrosion, post earthquake actions for restoration of port structures, and maritime freight transshipment. Working Group members from the USA include government employees, academia, and consultants. These folks are teamed with colleagues from around the world to share their experiences and produce research results and design guidelines for the practicing engineer.

Over the last couple of years, working group reports have been published dealing with high speed ferries and port approaches, design guidelines for berm breakwaters, design aspects of vertical faced breakwaters, dangerous goods in ports, seismic design guidelines for port structures, and guidelines for the design of fender systems. MarCom is presently considering starting some more Working Groups dealing with horizontal and vertical dimensions of fairways (channels), channel capacity, effects of bowthrusters, port master planning, and an international maritime code.

You can look forward to solicitation for Working Group members as the year progresses. Volunteers to participate on Working Groups in either the primary committee or in subcommittees are always needed and encouraged. It's a great way to learn from others and network. The new groups and the others will be assessed by MarCom at its meeting on February 5 and 6, 2004 in Brussels, Belgium.

Recreational Navigation Commission (RecCom) Recreation Navigation Commission
by Richard Dornhelm and Jack Cox

The Recreation Navigation Commission typically meets twice a year: once at Headquarters (Brussels) during February, and the other at a member country venue in September. The fall meeting usually includes a field trip to inspect recreational boating facilities near the meeting site. Last fall, the meeting took place in Madison, Wisconsin.

The meeting was preceded by a field trip to visit facilities at: Hammond, Indiana; Monroe Harbor/Navy Pier (Chicago, Illinois); and Milwaukee and Racine, Wisconsin. The facilities were of special interest since they resulted from regeneration of harbors formerly used for cargo/industrial purposes, which is a subject of particular interest to RecCom, and the focal point of a recent RecCom Working Group (WG 9). Among the areas of special interest to the Commission during the visit to the Hammond Marina was the unique 2-stage breakwater protection system that combined an outer low height structure, which dissipates some wave energy, with an inner structure of relatively small proportions that served as the ultimate wave protection barrier. Also of interest were the various systems used to protect the marina docks and vessels from winter ice.

The end of the meeting coincided with the start of the University of Wisconsin Continuing Education Course on Docks and Marinas; several commission members stayed to attend the Course. The Chairman of the Commission, Cees van der Wildt (The Netherlands), presented the keynote address describing the international activities of PIANC and the RecCom in particular. The University also presented a Distinguished Lecturer Award to Jack Cox (Co-Representative to RecCom) for his many years of participation in the Dock and Marinas Course.

With regard to Working Group activity during this year, we note the following progress:

WG 13 – Special Dredging Needs of Marinas.

This working group sent its final report text to Headquarters for publication (U.S. Representative—Bob Lofgren).

WG 14 – Disability Access Guidelines for Recreational Boating Facilities. This group has submitted a draft report for RecCom review, and will finalize the report by the end of 2003. (U.S. Representative—Dan Natchez/Chairman Rich Dornhelm—Co-Representative to RecCom).

WG 15 – Use of Alternative Materials in Marina Construction. This group met for the first time early this year, and the U.S. Representative was appointed Chairman of the Group (Terry Browne). A draft report is scheduled to be delivered in late 2004.

WG 16 – Protecting Water Quality in Marinas. The U.S. Representative has just been appointed for this group (Jack Cox).

WG 17 – Marina Design Guidelines Update. The U.S. Representative has just been appointed for this group (Dennis Kissman).

Suggestions for new working groups are always welcome—please contact either Jack Cox or Rich Dornhelm. Topics that are currently under consideration include:

- Safety Guidelines for Small Craft Navigation Around Locks and Weirs
- Dry Storage Marina Design Guidelines (Update 1980 Report)
- Guidelines for Numerical Modeling in Marina Design

The RecCom received 5 applications from 4 countries for the 2004 Jack Nichol Marina Design Award (JNA); the RecCom review panel is

expected to make a recommendation for consideration by the full commission at the upcoming meeting in Brussels. The 2003 JNA was presented to the Port of Los Angeles for the Cabrillo Marina—Phase I, a highly successful harbor regeneration project completed about 20 years ago.

The RecCom is seeking to formalize the cooperation between the Commission and the International Committee of Marine Industry Associations (ICOMIA), because of strong common interest in promoting safe and enjoyable recreational boating. A cooperation agreement is being drafted with the assistance of Ron Stone, ICOMIA. ICOMIA, sponsor of the International Marina Conference (IMC) Series, has suggested PIANC join again (PIANC helped sponsor IMC-99 in Fort Lauderdale, Florida) for the IMC-2005 to be held in San Diego, California. A number of RecCom members will be presenting papers at this conference.

Richard Dornhelm is a U.S. Co-Representative of RecCom with Jack Cox. Richard can be reached at: RDornhelm@moffatnichol.com, and Jack's email is jcox@fwenc.com.

Environmental Commission (EnviCom) by Dr. Robert Engler

The EnviCom responsible for dealing with both broad and very specific sustainability and environment-related issues of interest to PIANC, has had an exceptionally busy 2003.

The EnviCom met in Brussels, Belgium, and Anchorage Alaska, in conducting its business of environmental support to navigation infrastructure. Two Working Group (WG) reports dealing with broad aspects of sustainability were published this year. They are: WG 6 “Guidelines for Sustainable Inland Waterways and Navigation” and WG 7 “Ecological and Engineering Guidelines for Wetlands Restoration in Relation to the Development, Operation and Maintenance of

Navigation Infrastructures” targeted at the middle manager of navigation projects and containing case studies.

These reports set the global standard for planning and executing these activities and were partnered with the World Wildlife Fund and the RAMSAR Convention on Wetlands. EnviCom reports are not only targeted on a wide diverse array of user groups but are partnered with important stakeholders concerned with navigation activities.



Members of EnviCom WG 7 at LeHarve, France. Left to right, front: Dr. Nigel Pontee – U.K.; Tobias Salathe – Switzerland; Elena Mumelter – Italy; Dr. Russell Theriot – U.S. Left to right, top: Marian Geense – Netherlands; Edmond Russo – U.S.; Paul Scherrer – France; Jaques Michel – France; Andy Kenny – U.K.; Keita Furukawa – Japan.

Two WG’s that are wrapping up this year and scheduled for publication in early 2004 are: WG 2 – Wildlife Habitat (Avian) Habitat and Port Activities, and WG 8 – Generic Biological Assessment Guidance for Dredged Material.

Two WG’s scheduled for completion in 2004 and WG 10 – Environmental Risk Assessment in Dredging and Dredged Material Disposal and WG 11 – Management, Reclamation of Dredged Material and End Use of Existing Confined Disposal Facilities.

Three new WG’s scheduled to start in 2004 and seeking WG members are: WG 12 – Sustainable Waterways within the Context of Navigation and Flood Management, WG 13 – Best Management Practices Applied to Dredging and Dredged Material Disposal for the Protection of the Environment and WG 14 – Dredged Material Beneficial Use Options and Constraints. The EnviCom will also start an Experts Group on the Environmental Benefits of Waterborne Transport.

The EnviCom working with the EU and European navigation interests sponsored a very successful informational workshop regarding the EU “Water Directives” and their relationship to navigation and its infrastructure.

The EnviCom also represents the technical views of the PIANC member nations at important global and regional treaties and international agreements such as the London and OSPAR Conventions dealing with global and regional protection of the marine environment. The EnviCom further partners with important stakeholders such as the AAPA, IAPH, WEDA, CEDA, IADC, ICOLD, SedNet and PARALIA.

A complete listing of EnviCom activities schedules and published reports, brochures and technical briefs and found at www.pianc.aipcn.org. EnviCom meetings in 2004 are Feb 5 in Brussels, Belgium, at the PIANC Headquarters with the other Commission and will also host the initial meetings of new WG’s 12, 13 and 14. The second meeting of the EnviCom will take place Sep 25 in association with the World Dredging Congress in Hamburg, Germany.

Questions about these activities can be directed to Dr. Bob Engler, Chairman, EnviCom at Robert.m.engler@erdc.usace.army.mil.

Visit the International Website:
<http://www.pianc-aipcn.org/>

Highlights from the PIANC Executive Commission (ExCom) and Council *by Dr. Robert Engler*

The ExCom met in October and December 2003 to direct the business practices of PIANC and strategically plan for the future. Major issues under consideration and action include discussion and approval of new Working Group Terms of Reference for the various Commissions (CoCom, EnviCom, InCom, MarCom, RecCom), which are the historic and continuing foundation of PIANC.

The ExCom is pursuing partnering with global and regional stakeholders to expand the reach and scope of PIANC to system wide navigation/water resource activities and to gain a better recognition of PIANC's water resource stakeholders. The groups include COPEDEC (Coastal and Port Engineering in Developing Countries), to better reach out to countries in transition, the European Union and its various directives, the American Association of Port Authorities, the World Bank, ESPO, and other U.N. agencies such as IMO, UNEP. Various PIANC Commission Chairs, and vice presidents are directing these activities.

The overall role of PIANC in technology support to countries in transition (i.e., developing) will be expended through a reorganization of the Cooperation Commission (CoCom) to address regions of the world and through input from the other commissions such as the EnviCom "Environmental Awareness – Train the Trainer" initiative.

The December ExCom met with the PIANC Council and formed workshops to "brainstorm" the Strategic plans of each Commission in order to add a broader and fresh look at current strategies. Based on the input from these workshops the commission will update their strategies at the February 2004 meeting and place these on the PIANC web site.

Four additional workshops (brainstorming sessions) were held to improve our business practices with regard to: Young Professionals, Publication policies, Marketing/Products, and International Co-operation. Results of these workshops that describe a better way forward will be placed on the PIANC web site for immediate attention of the National Sections and for final discussion at the February 2004 ExCom meeting. These workshops were highly successful endeavors that will better focus PIANC's vision for the future.

Plans were also discussed for the May 2006 PIANC World Congress to be held in Portugal. These and other ExCom activities will be posted at www.pianc.aipcn.org.

Questions may be directed to Dr. Bob Engler at Robert.m.engler@erdc.usace.army.mil.

PIANC Activities in 2003

Annual Meeting and Workshop *by Ron Conner*

The U.S. Section PIANC Annual Meeting, Roundtable, and Technical Workshops was held in Portland, Oregon on October 28 – 30, 2003. Events included a evening social, boat tour of the Wilamette River hosted by the Port of Portland, a plenary session, and technical workshops. The U.S. Section Commissioners also held their annual meeting during this event.

Meeting kickoff was conducted by Ron Conner, Secretary of the U.S. Section. COL Richard Hobernicht, Commander, Portland District gave a hospitable welcome to attendees, and our U.S. Section President, MG Carl Strock, gave the keynote speech. Partnering with COPRI was discussed by Ms. Patricia Brown, Director, COPRI, and reports were delivered by Working Group Representatives.



MG Carl Strock (center) greets Herbie Mauer (far left), Galveston District, at evening social. Others present: BG William Grisoli, NW Division, (far right) and Larry Irvin, Kansas City District (mid left)

There was a roundtable discussion entitled “All Hazard Risk Management for Ports and Harbors—Protecting America’s Ports from Natural and Manmade Disasters,” facilitated by Mr. Greg Shaw, George Washington University. Panel participants included: Mr. John Meador, Chief Homeland Security, Mr. Tom Jensen, President, National Safe Waterways and Seaports Alliance, Mr. Kurt Nagle, President, American Association of Port Authorities, and Lt. Com. Randy Clark from U.S. Coast Guard.

At the Wetlands Restoration Workshop, Dr. Robert Engler, ERDC, Director, Wetlands Research and Technology, represented Dr. Russell Theriot of ERDC, as chair. Members of WG 7 presented findings of their recently-published report “Ecological and Engineering Guidelines for Wetlands Restoration in Relation to the Development, Operation and Maintenance of Navigation Infrastructures”.

Dr. Sandra Knight, ERDC, chaired the Passing Vessel Issues Workshop. Presentation topics included:

- Modeling of Vessel Hydrodynamics,
- Berthing and Mooring Forces,
- Vessel Wake Effects on Safety, and
- Ecological Effects.

Proceedings of the annual meeting and workshop can be found at:

<http://www.iwr.usace.army.mil/PIANC/PortlandProceedings.htm>.

Inspection of New York/New Jersey Harbor Navigation Projects *by Tom Wakeman*

Despite the recent global economic slow down, international trade continues to grow at a double-digit pace. Terminals across the nation are expanding to accommodate the ballooning cargo volumes. The corresponding trend in the maritime shipping industry is a movement to increasingly larger commercial vessels, and particularly container ships.

Bigger vessels allow shippers to meet consumer demand for international goods at the lowest possible price. Larger ships demand deeper and wider channels, which have become a competitive requirement for the world’s leading container ports, including the Port of New York and New Jersey. Today, as a result of these competitive pressures, the largest dredging fleet since World War II is assembled in New York Harbor – in excess of 80 pieces of equipment – and is actively engaged in excavating several navigation improvements projects distributed throughout the harbor. Dredging activities are occurring under the five different contracts simultaneously.

An on-the-water inspection tour to observe terminal redevelopment, dredging operations and drilling activities was conducted on Friday, September 26, 2003. The Corps of Engineers’ vessel **Hocking** and her crew, Captain Joe Meyers and Joe Deaskalakis, were joined by Joseph Seebode, Chief, Harbor Programs Branch, and conducted a detailed briefing and field inspection of current harbor-wide activities in the Port Jersey Channel, Kill Van Kull Channel, Arthur Kill Channel, and Newark Bay reaches.



Great Lakes Dredge & Dock drill barge working in Kill Van Kull

The event was co-sponsored by the American Society of Civil Engineers (ASCE), Met Section, and the International Navigation Association (PIANC), U.S. Section, Eastern Region.

Approximately 30 representatives from these two organizations joined the Corps staff and were dazzled by the array of dredging equipment being used to deepen the harbor's navigation channels to 21st Century standards.

Participants were fortunate enough to witness the largest set of dredges, drill boats, survey boats, tugs, scows, and work boats. The harbor inspection was so attractive that three Past Presidents of the ASCE Met Section and several attendees from ASCE and PIANC National joined the briefing.

The Corps of Engineer officials, and particularly Mr. Seebode, did an outstanding job describing the on-going construction projects in the harbor. He was very thorough in providing a very informative technical briefing and answering questions. Captain Joe Meyers also did an excellent job and provided a comfortable ride for all these land-lovers.

See us at the U.S. Section web page:
<http://www.iwr.usace.army.mil/PIANC/>

Breakfast in Seattle *by Anne Sudar*

Commissioner Shiv Batra was the driving force behind this event, which was held on February 26, 2003. The breakfast provided an informative presentation by Col. Ralph Graves, the Seattle District Engineer, and a networking opportunity for PIANC members and others in the Pacific Northwest region.

Inter-American Initiative *by Anne Sudar*

Ms. Doris Bautch, U.S. Commissioner, made a presentation on PIANC to the Organization of American States Inter-American Committee on Ports in Merida, Mexico, in September, 2003. Her efforts resulted in a resolution promoting the development of a cooperative relationship between the Inter-American Committee on Ports and the U.S. Section, PIANC.

U.S. Commissioner Mr. Kurt Nagle, President of the American Association of Port Authorities (AAPA), and U.S. Section Secretary, Mr. Ron Conner, have proposed a joint AAPA/PIANC Conference to be held in Panama late in 2004 or early 2005. This would provide an opportunity for U.S. Section PIANC to share its technical expertise with Latin American countries.

AGA 2003 *by Anne Sudar*

The Annual General Assembly (AGA) took place in Bergen, Norway during May, 2003. The major resolution arising from the Bergen meeting was entitled "The Waterway is the Better Way: Sustainable development requires increased efforts for waterborne transport".

Upcoming Events

by Edmond Russo

PORTS 2004. This is a joint event sponsored by PIANC and COPRI, which is being held in Houston, Texas in May 23 – 26, 2004. The Conference, "Port Development In The Changing

World," will be the tenth in a series of international port and harbor development specialty conferences held on a tri-annual basis since 1977.

AGA 2004. Planning is complete for the May, 2004 PIANC Annual General Assembly (AGA) in Fukuoka, Japan. Details can be found at www.pianc2004fukuoka.jp.

U.S. Section 2004 Annual Meeting. This event will be held in conjunction with the ASCE Annual Meeting, in Baltimore, Maryland during October, 2004. More details to come.

AGA 2005 in Charleston, South Carolina. The U. S. Section is sponsoring the 2005 Annual General Assembly of the Chief Delegates of PIANC in Charleston, South Carolina. Plans are moving ahead for the event, which is scheduled for May 9-13, 2005. The meeting will be held at Francis Marion Hotel. The South Carolina State Port Authority has agreed to sponsor the opening reception and provide commentary during the boat tour of the harbor.

One of the responsibilities of the U.S. Section in conjunction with event hosting is providing technical articles to be published in the second quarter 2005 issue of the international bulletin. The bulletin will be published in conjunction with the May meeting to highlight activities occurring in the U.S. Section. Articles are sought that describe activities in the marine navigation, inland navigation, recreation, environmental or international areas consistent with the PIANC Commissions. Also, an article on Charleston harbor, coastal and inland ports, and so forth, are welcomed.

The following are details for paper submittals:

- Subjects:.....U.S. Navigation
- Abstracts Due:.....March 15, 2004
- Authors Notified:.....April 15, 2004
- Paper to Editor:.....September 15, 2004
- Final Papers Due:.....December 1, 2004

Send abstracts to:

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